

## Reaction of 2, 6-dibenzylidenecyclohexanone with trialkyl phosphites and dialkylphosphorous acids

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### Abstract

1. The reaction of 2,6-dibenzylidenecyclohexanone with trialkyl phosphites gave phosphoranes, and some of the properties of the latter were studied. 2. Depending on the temperature, 2,6-dibenzylidenecyclohexanone reacts with dialkyl phosphites to give the dialkyl esters of 2-(-benzylidenecyclohexanone)benzylphosphonic acid, and also cyclic esters. © 1973 Consultants Bureau, a division of Plenum Publishing Corporation.

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